

B. Claims

Claims 1-35 (cancelled).

36. (New) A method for purifying a protein in a sample from a plurality of DNA/histone complexes, comprising a step of loading the sample containing the protein on a metal chelate chromatography column wherein the protein is captured on the column, and a step of washing the column, wherein at least one of the loading step and the washing step uses a solution comprising at least about 2M NaCl to remove DNA from the sample.

37. (New) The method of claim 36, wherein the protein is highly anionic.

38. (New) The method of claim 37, wherein the protein is hypersulfated.

39. (New) The method of claim 38, wherein the protein is PSGL-1.

40. (New) The method of claim 36, wherein the loading step uses the solution comprising at least about 2M NaCl to remove DNA from the sample.

41. (New) The method of claim 36, wherein the washing step uses the solution comprising at least about 2M NaCl to remove DNA from the sample.

42. (New) A method for purifying a protein in a sample from a plurality of DNA/histone complexes, comprising a step of loading the sample containing the protein on a metal chelate chromatography column wherein the protein is captured on the column, and a step of washing the column, wherein at least one of the loading step and the washing step uses a solution comprising an ionic strength of at least about 2M to remove DNA from the sample.

43. (New) The method of claim 42, wherein the protein is highly anionic.

44. (New) The method of claim 43, wherein the protein is hypersulfated.

45. (New) The method of claim 44, wherein the protein is PSGL-1.

46. (New) A method for purifying a protein in a sample from a plurality of DNA/histone complexes, comprising a step of loading the sample containing the protein on a hydrophobic interaction chromatography column wherein the protein is captured on the column, and a step of washing the column, wherein the washing step uses a solution

comprising either at least about 5% ethanol or at least about 5% isopropanol to remove DNA from the sample.

47. (New) The method of claim 46, wherein the protein is highly anionic.

48. (New) The method of claim 47, wherein the protein is hypersulfated.

49. (New) The method of claim 48, wherein the protein is PSGL-1.

50. (New) The method of claim 46, wherein the solution comprises at least about 5% ethanol.

51. (New) The method of claim 46, wherein the solution comprises at least about 5% isopropanol.